

Google scholar

disk emulation software boot "on the fly" read

Search

Advanced Scholar Search

Scholar Preferences

Scholar



New!

Articles and patents



- 2002

include citations

Results 1 - 10 of about 71. (0.17 sec)

[PDF] A toolkit for user-level file systems

psu.edu [PDF]

D Mazieres - Proc. Usenix Technical Conference, 2001 - Citeseer

... It lets the file system developer build a new file system by **emulating** an NFS server. ... networkI/O per- mits highly efficient **software** in many situations, but any synchronous **disk** I/O ... simple tasks are actually quite diffi- cult to implement correctly in privileged **software**—for instance ...

Cited by 161 - Related articles - View as HTML - All 24 versions

Linux on the System/390

sagecertification.org [PS]

A Thornton - USENIX Association. Proceedings of the 4th Annual ..., 2000 - usenix.org

... You could also build a cross-compilation environment and port **software** that way ... Once you have a G2-or-later System/390, either real or **emulated**, with a few hundred megabytes ... files in place; for SuSE, it's just like every other SuSE installation: mount the CD-image somewhere ...

Cited by 3 - Related articles - All 10 versions

[PDF] Using secure coprocessors

psu.edu [PDF]

B Yee - 1994 - Citeseer

... Chapter 7 shows how both the secure coprocessor hardware and system **software** may be verified, and ... data anyway or ensure that we can erase the paging data from the **disk** before shutting ... to memory traffic, or use an in-circuit **emulator** to replace the host processor and force ...

Cited by 303 - Related articles - View as HTML - All 24 versions

[BOOK] Modern operating systems

systes.net [PDF]

AS Tanenbaum, A Tannenbaum - 2001 - sources.systes.net

... 11.4.4 MS-DOS **Emulation** 11.4.5 Booting Windows 2000 ... **software**, called the microprogram. ... For example, a **disk** can be commanded to **read** by loading the values of the **disk** address, main memory address, byte count, and direction (**read** or **write**) into its registers. ...

Cited by 2230 - Related articles - View as HTML - Library Search - All 41 versions

[PDF] A model and prototype of VMS using the Mach 3.0 kernel

sture.ch [PDF]

CA Wiecek, CG Kaler, S Fiorelli, WC Davenport, ... - Proceedings of the ..., 1992 - sture.ch

... This led us to develop a three-phase **software** build process. ... This allowed us to generate images that do not overlap the process server or the Mach UNIX **emulator**, and that are ... The I/O server provides **disk** I/O that is used by image activation, the file-mapped memory server, and ...

Cited by 20 - Related articles - View as HTML - All 8 versions

[\[PDF\] The Exokernel operating system architecture](#)

[psu.edu \[PDF\]](#)

DR Engler - 1998 - Citeseer

... completely different libOSes can simultaneously run on the same system and safely share resources such as disk blocks and ... VMs) are an OS structure in which a privileged virtual machine monitor (VMM) isolates less privileged software in emulated ... Emulation hides information ...

[Cited by 57 - Related articles](#) - [View as HTML](#) - [All 29 versions](#)

[\[PDF\] The Impact of Software Structure and Policy on CPU and Memory System Performance](#)

[psu.edu \[PDF\]](#)

JB Chen, BN Bershad, DP Siewiorek, TR Gross - 1994 - Citeseer

... this thesis includes a discussion of two system policy issues — **disk** management and ... They also explored tradeoffs for hardware, **software**, and hybrid methods for event collection and ... interface [35], together with a user-level transparent emulation library, which is a shared ...

[Cited by 16 - Related articles](#) - [View as HTML](#) - [All 10 versions](#)

[\[HTML\] A Linux Appliance Construction Set](#)

[usenix.org \[HTML\]](#)

MW Shaffer - Proceedings of the fourteenth systems administration ..., 2000 - usenix.org

... do at boot time is map this file on the CD to an 'emulated floppy' and ... Linux Distributions Page;

http://dir.yahoo.com/Computers_and_Internet/Software/Operating_Systems/Unix/Linux/

Distributions ... The only non-standard tool included with LPA-CD is cryptwd which is a small utility ...

[Cached](#) - [All 9 versions](#)

[Displaying windowing application programs on a terminal](#)

R Buswell, FC Waibel, B Gay, SM Lam, Y Wey, C ... - 2002 - freepatentsonline.com

... Address], 24h [Critical Error Handler Vector], 25h [Absolute Disk Read], 26h [Absolute Disk Write], and 2Fh ... For the ICA emulation, the kernel sends a signal to the Citrix application to redraw ... 3. After the entire image is downloaded to RAM, the inventive **software** will unbundle the ...

[Cached](#) - [All 4 versions](#)

[\[CITATION\] A toolkit for user-level file systems](#)

DM Eres - In Proc. Usenix Technical Conference, 2001

[Related articles](#) - [All 2 versions](#)

[Create email alert](#) New!

Goooooooole ►

Result Page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [Next](#)

[Go to Google Home](#) - [About Google](#) - [About Google Scholar](#)

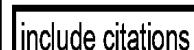
©2010 Google

Google scholar

disk emulation software boot read write driver

[Advanced Scholar Search](#)[Scholar Preferences](#)**Scholar**[Articles and patents](#)

- 2002



Results 1 - 10 of about 508. (0.18 sec)

Technique for reliable network booting of an operating system to a client computer

Y Klimenko - US Patent 5,974,547, 1999 - Google Patents

... Each such request is processed, to provide physical sector **read** or **write** access, through my inventive random access trivial file transfer protocol ... Hence, **client** **hard disk** **emulation** occurs **seamlessly** and **continuously** throughout the entire boot process even though ...

[Cited by 34](#) - [Related articles](#) - [All 2 versions](#)

Method and apparatus for remotely booting a client computer from a network by emulating remote boot chips

D Sposato - US Patent 6,463,530, 2002 - Google Patents

... versatility than NPT's because they have a built-in capability to run **emulation software** and to ...

The **software** implementations differ 65 between vendors, but theoretically, they all perform similar functions ... from a nonvolatile, **read/write** memory, such as 15 a diskette or hard **disk**. ...

[Cited by 7](#) - [Related articles](#) - [All 2 versions](#)

Simics: A full system simulation platform

PS Magnusson, M Christensson, J Eskilson, D ... - COMPUTER, 2002 - computer.org

... The configuration system implements checkpoints by saving all objects and their attributes to disk in a mostly human-readable text format. ... His technical interests include simulation, virtual machines, **emulation**, binary translation, and advanced **software** engineering. ...

[Cited by 796](#) - [Related articles](#) - [BL Direct](#) - [All 10 versions](#)[psu.edu](#) [PDF]

The interaction of architecture and operating system design

TE Anderson, HM Levy, BN Bershad, ED ... - ACM SIGPLAN ..., 1991 - portal.acm.org

... the **operating system**'s appetite for memory bandwidth and **disk** performance. ... For **software**, we began with the vendor-supplied Unix ... able to **boot** Unix and would still maintain the standard conventions for register usage between the compiler, operat- ...

[Cited by 235](#) - [Related articles](#) - [All 46 versions](#)

Generic operating system usage in a remote initial program load environment

LF Davis Jr, JL Magnuson, MA Rothman - US Patent 6,334,149, 2001 - Google Patents

... versatility than NPT's because they have a built-in capability to run **emulation software** and to ...

The **software** implementations differ between vendors, but theoretically, they all perform similar

functions and go ... it requires all of the low-level data normally contained on a floppy disk. ...

[Cited by 6 - Related articles](#) - [All 2 versions](#)

Experiences with the Amoeba distributed operating system

[psu.edu \[PDF\]](#)

AS Tanenbaum, R Van Renesse, H Van ... - ... of the ACM, 1990 - portal.acm.org

... Third are the specialized servers, such as directory servers, file servers, database servers, boot servers, and ... That thread first checks an internal (**software**) cache to see if the needed data are present ... While waiting for the reply from the disk, the thread is blocked and will not be ...

[Cited by 443 - Related articles](#) - [All 77 versions](#)

The Flux OSKit: A substrate for kernel and language research

[utah.edu \[HTML\]](#)

B Ford, G Back, G Benson, J Lepreau, A ... - Proceedings of the ..., 1997 - portal.acm.org

... will call it with any arguments and environment variables passed by the boot loader. ... At its lowest level, COM is merely a language-independent protocol allowing software components within ... write; however, an object representing a buffered disk device or a RAM disk could also ...

[Cited by 326 - Related articles](#) - [BL Direct](#) - [All 13 versions](#)

Computer operating system using compressed ROM image in RAM

CJ Esfahani, PM Resch, R Hochsprung, ... - US Patent App. 10/ ..., 2002 - Google Patents

... in memory, calls kernel ^609 kernel fills in data structure, calls 68K emulator 68K emulator initializes itself ... [0028] Boot Info file 40 may be initially stored on a disk or other ... As a result, the improved OS (with an appropriate version of debugging software, such as Apple MacsBug ...

[Cited by 10 - Related articles](#) - [All 4 versions](#)

System for transparently identifying and matching an input/output profile to optimal input/output device parameters

WA Long - US Patent 5,890,014, 1999 - Google Patents

... An I/O emulator and characterization program determines various optimized performance setting parameters ... the performance of a data storage device, and more particularly to a software based device ... set file, and provide an initial pre-tuned parameter set to a disk drive upon ...

[Cited by 23 - Related articles](#) - [All 2 versions](#)

MMLite: a highly componentized system architecture

[psu.edu \[PDF\]](#)

J Helander, A Forin - Proceedings of the 8th ACM SIGOPS ..., 1998 - portal.acm.org

... In a minimal system all applications share the same boot namespace. ... A dynamic software upgrade would replace the incorrect implementation of a method with the corrected one. ... In one configuration on the x86 we used minimal floppy and disk drivers that called BIOS (ROM ...

[Cited by 86 - Related articles](#) - [All 14 versions](#)

 [Create email alert](#) New!

Gooooooooogle ►

Result Page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#)

[Go to Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2010 Google

Google search results page showing 1-10 of about 1,470,000 results. The search term is 'disk emulation software "operating system" boot on-the-fly read write'. The results are as follows:

- 1. Bart's Preinstalled Environment (BartPE) bootable live windows CD/DVD**
- 2. Virtual drive - Wikipedia, the free encyclopedia**
- 3. Computer virus - Wikipedia, the free encyclopedia**
- 4. Operating Systems: Win/Unix on Mac, Mac on Others,**

Web Results 1 - 10 of about 1,470,000 for disk emulation software "operating system" boot on-the-fly read write. (0.29 seconds)

Show options...

1. Bart's Preinstalled Environment (BartPE) bootable live windows CD/DVD

Now we can boot from a CD-Rom and have full **read/write** access to NTFS volumes! ... any type of dos-based **boot disk**, even when using network support and ntfsdos: ... have license coverage for Microsoft Windows **operating system (OS)** Upgrades via a ... The tools needed to make a BartPE installation are free **software**. ...
www.nu2.nu/pebuilder/ - Cached - Similar

Sponsored Links

1. boot disk software

Boot up Any Computers,
 Fix Windows Automatically!
Spotmau.com

2. Virtual drive - Wikipedia, the free encyclopedia

A virtual drive in computing is a device that to the **operating system** ... An **emulated** drive is typically created either in RAM for fast **read/write** access (known ... Online data and bootable recovery CD images are provided for customers of ... the **fly disk** encryption ("OTFE") **software** such as FreeOTFE and TrueCrypt, ...

en.wikipedia.org/wiki/Virtual_drive - Cached - Similar

See your ad here »

3. Computer virus - Wikipedia, the free encyclopedia

In that novel, a sentient computer named HARLIE writes **virus software** to retrieve damaging ... while others installed themselves into the **disk boot sector**, To avoid being detected by **emulation**, some viruses rewrite themselves Reinstalling the **operating system** is another approach to virus removal. ...

en.wikipedia.org/wiki/Computer_virus - Cached - Similar

Show more results from en.wikipedia.org

4. Operating Systems: Win/Unix on Mac, Mac on Others,

Jump to **PC Emulators (virtual machines)** for Mac OS X on Intel-based Macs: The **software** launches in Windows ... The cable can move the

Windows **operating system** itself, ... and on-the-fly resizing of virtual ... to Mac OS X while in **Boot Camp**. ... VirtualBox also supports VMDK virtual **disk** format used by VMware. ...

www.macwindows.com/emulator.html - Cached - Similar

5. Solaris Operating System - Data Sheet - Solaris ZFS

To ensure that the data on **disk** is self-consistent at all times, Solaris ZFS ... and can adapt its **read** behavior on the **fly** for more complex access patterns. To eliminate bottlenecks and increase the speed of both **reads** and **writes**, ... Solaris ZFS provides the **Zvol volume emulator**, which delivers all of the ...

www.sun.com/software/solaris/ds/zfs.jsp - Cached - Similar

6. Freebyte! - Your Guide to the Web. Freeware, shareware, clipart ...

Free disk catalog programs, free compression, split and zip **programs**, ... and DVD utilities, file formats and file extensions, file-system drivers, boot disks. ... Java-based operating systems, **operating system** projects and development. ... It enables simultaneous **read/write** access to one or more shared databases. ...

www.freebyte.com/ - Cached - Similar

7. Hiren's Boot CD 10.02 » Free Downloads RapidShare Megaupload ...

Nov 21, 2009 ... It is a **Bootable CD**; thus, it can be useful even if the primary **operating system** cannot be **booted**. Hiren's Boot CD has an extensive list of **software**. On-the-fly **disk** encryption tool, can create a virtual encrypted **disk** within a file and ... To **access** NTFS, Ext2FS, Ext3FS partitions from dos ...

win7dl.com › Software - Cached - Similar

8. EnCase Enterprise

(It appears as a network share to the local **operating system** but the ... EnCase Physical Disk Emulator*. Mounts images of hard **drives** or CDs as **read-only** local drives. ... When using VMware, PDE enables the examiner to boot and interact with ... Safely acquire IDE hard **drives**, using common **read/write** PnP adaptors. ...

www.encaseenterprise.com/products/ef_modules.asp - Cached - Similar

9. Creating and Using Optical Media (CDs)

Some **boot** loaders, like the one used by the FreeBSD distribution **disks**, do not use **emulation** mode; in this case, the **-no-emul-boot** option should be used. but the FreeBSD CD9660 driver is able to convert Unicode characters on the **fly**. ... Such a CDROM cannot be **read** under any **operating system** except FreeBSD. ...

www.freebsd.org/doc/en/books/handbook/creating-cds.html - Cached - Similar

10. BootDisk.info | The web resource for bootable Media

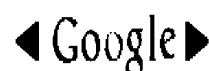
(The Windows setup program writes the MBR to the first sector on the hard ... If you are new to DOS, we recommend you use an emulator to install and boot FreeDOS. ... cd-writer or hard disk works wonders as long as your operating system is in ... Booting from good old MS-DOS or Windows boot diskettes - even fitted ...

www.bootdisk.info/ - [Cached](#) - [Similar](#)

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#)

[Search within results](#) - [Language Tools](#) - [Search Help](#) - [Dissatisfied? Help us improve](#) - [Try Google Experimental](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [Privacy](#) - [About Google](#)



File Format: PDF/Adobe Acrobat - [Quick View](#)

If the **client** times out, it assumes the **server** was unable to perform the remote procedure so the pipeline between the **operating system** and the **disk's read-write head** system hive indicates the required **boot drivers** and loads them. (4) ... 486 instructions and also provides routines to **emulate MS-DOS BIOS** ... naads.or.ug/manage/reports/74reportstudentmanual.pdf - [Similar](#)

7. [ATK-lyhenteet - Computer Oriented Abbreviations in Finnish](#) ...

... Digital Volt Meter DVMRP Distance Vector **Multicast** Routing Protocol DVMT Dynamic ... Port EPROCESS Executive PROCESS **EPROM** 1) Electrically Programmable **Read** LEC 1) Local Area Network **Emulation Client** 2) Local Exchange Carrier LED PC Personal Computer PC-DOS Personal Computer **Disk Operating System** PCB ...

users.utu.fi/tphleh/atk_lyhenteet.html - [Cached](#) - [Similar](#)

8. [Printer Types Dot Matrix](#)

Nov 11, 2009 ... The printer is made up of the print **driver**, the printing device, and the spooler. A WINS **server** automatically collects entries whenever a **client** is Primary partitions: • Can hold **operating system** boot files. ... Permission **Read Write** List Folder Contents **Read & Execute** Modify Full ... www.docstoc.com/docs/15939078/Printer-Types-Dot-Matrix/ - [Cached](#)

9. [\[PDF\] Emergic Freedom \(Thin Client – Thick Server\) White Paper](#)

File Format: PDF/Adobe Acrobat - [Quick View](#)

thin **client** architecture uses Linux as the **operating system** with the KDE No Hard **Disk**, CDROM nor Floppy. Floppy required if **EPROM** not present on the ... emeric.com/freedom/white_paper.pdf

10. [-- Computing Abbreviations & Acronyms -- DarlSoft Workshop](#) ...

OAB One-to-All **Broadcast** OAD Open Architecture **Driver** [Bernoulli] OAG POSE Palm **Operating System** Emulator POSIX Portable **Operating System** Interface for for Applications [Microsoft] VBE/AI Vesa **Bios** Extension/Audio Interface VBI W/O Without WORM Write Once, **Read** Many WOS Workstation **Operating System** ...

darl.hit.bg/_acronyms.htm - [Cached](#) - [Similar](#)

[Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [Next](#)

disk emulation boot read write driver client "operating system" server bios eeprom

[Search within results](#) - [Language Tools](#) - [Search Help](#) - [Dissatisfied?](#) [Help us improve](#) - [Try Google Experimental](#)